

# EDTA NICKEL



## General Specification

1	C.A.S No	25481-21-4
2	Chemical Formula	$C_{10}H_{12}N_2O_8Na_2Ni \cdot 2H_2O$
3	Physical Appearance	Powder
4	Colour	Blue
5	Molecular Weight	428.91
6	Nickel Content	12.00 % $\pm$ 1.00 %
7	pH in 5% Solution	5.0 to 8.0
8	Solubility	Soluble in Water

## Description

A high grade of EDTA Nickel is manufactured by Shiv Chem industries since 1987. We are leading manufacture and Exporter of EDTA Nickel. EDTA Nickel salt is a chelating agent or sequestering agent. EDTA Nickel salt is a free flow blue colour powder. It is soluble in water. It is also called Nickel EDTA, Disodium Nickel EDTA, Nickel salt of EDTA, Ethylene diamine tetra acetic acid Nickel salt, Co-EDTA or chelated Nickel.

## Handling

EDTA Nickel causes serious irritant to eyes and skin. While handling this product, please wear goggles, gloves and safety shoes. Handle with care, no hooks allowed. In case of large spillage wash it with plenty of water. In case of injury to skin, wash it with water and then wash thoroughly with neutral soap and water. Regardless of the seriousness of the case, medical attention should be sought.

## Storages

EDTA Nickel is stored in a cool dry place. Ensure proper ventilation in storage area. Keep them away from heat sources, direct sun light and moisture. It is stored in container made of, or lined with polyethylene, polypropylene or high density polyethylene.

## Packing

Nickel EDTA is packed in 25 Kgs HDPE bag / Paper bag containing polyethylene liner inside, or as per customer's requirement.

## Applications

Nickel EDTA has several uses, including as a chelating agent, an antidote, and a correction for cobalt deficiencies.

Nickel EDTA is used to treat cyanide poisoning. It binds to cyanide ions in the bloodstream, making them inactive and safe to excrete.

Nickel EDTA is a metal chelator used to dissolve metallic impurities in the food processing industry.

Nickel EDTA is used to correct Nickel deficiencies in plants.

Nickel EDTA is used in veterinary medicine and food processing.

Nickel EDTA is used to correct Nickel deficiencies in animals. It is used as a therapeutic agent for treating anemia.

Nickel EDTA can be used in fertigation and as a foliar feed. Also use as micronutrient for deficiency of Nickel.



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